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(71) Applicant (for all designated States except US): **AK-  
TIEBOLAGET ELECTROLUX** [SE/SE]; S-105 45  
Stockholm (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ROSSI, Carlo**,

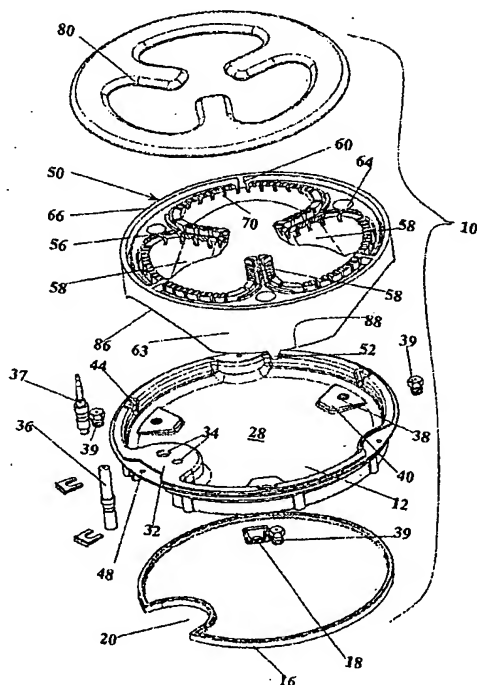
Antonio [AU/AU]; 305 Portrush Road, Norwood, S.A.  
5067 (AU). **ROSS, Marco** [AU/AU]; 34 Herbert Road,  
West Croyton, S.A. 5008 (AU). **MCINTYRE, Steven**  
[AU/AU]; 6 Leslie Avenue, Westbourne Park, S.A. 5041  
(AU). **BORG, Keith, Joseph** [AU/AU]; 47 Hydræ Street,  
Revensby, NSW 2212 (AU). **BROCK-NANNESSTAD**,  
George [DK/DK]; Resedavej 40, DK-2820 Gentofte (DK).

(74) Agent: **SVAHN, Göran**; AB Electrolux, Group Intellectual Property, S-105 45 Stockholm (SE).

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(54) Title: **GAS BURNER**



(57) Abstract: The present invention provides a gas burner (10) including: a distributor means (50) having at least one distribution chamber to distribute an air gas mixture around said distributor (50), said burner (10) including a plurality of flame ports (70) through which said gas mixture can pass and be ignited; at least one injector (39) associated with said distributor (50), said at least one injector (39) being positioned to inject gas into said at least distribution chamber via a venture formed of a vertically directed passage and transition port (64) and at least one venturi extension extending away from said transition port (64). The present invention also provides manifold for a gas burner (10), said manifold having an upper wall (12) and a lower wall (16) held in spaced apart relationship by a peripheral wall to define a cavity there between, said manifold including means (38) to mount at least one injector (39) so as to deliver an air gas supply to a distribution means (50) and an inlet port (18) to allow connection to a supply of gas, which can pressurise said cavity, said upper (12) and said lower (16) wall being formed from relatively thin sections.

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